

ABSTRACT OF THE DISCLOSURE

A channel pointer extractor extracts channel
pointer value inserted in a SDH signal based on the
pointer position information contained in the channel
5 information, each time the channel information is
detected by a channel information detector. A
reference data readout section readouts the reference
data of the channel specified by the channel
identification information contained in the channel
10 information from a reference data memory, each time the
channel information is detected by the channel
information detector. A pointer processing section
judges the states of justification and alarm, from the
channel pointer value extracted from the channel
15 pointer extractor, and reference data read out by the
reference data readout section and generates a new
reference data based on the judgment results.